

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051420\  
 Data File : PL058732.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2020 18:13  
 Operator : AJ\MA  
 Sample : L2501-07MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 EO-01-051320MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 14 23:57:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 14 06:40:09 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.532 | 4.078 | 32399798 | 48602199 | 19.722  | 22.453  |
| 28)                         | SA Decachlor... | 8.318 | 9.192 | 30727307 | 45016933 | 23.532  | 25.472  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.975 | 4.469 | 111.6E6  | 164.4E6  | 48.472  | 53.677m |
| 3)                          | MA gamma-BHC... | 4.259 | 4.758 | 97355359 | 153.1E6  | 47.452m | 52.212  |
| 4)                          | MA Heptachlor   | 4.569 | 5.273 | 92389437 | 147.2E6  | 48.903  | 52.526  |
| 5)                          | MB Aldrin       | 4.820 | 5.581 | 80469094 | 132.2E6  | 48.334  | 53.112  |
| 6)                          | B beta-BHC      | 4.510 | 4.925 | 43114000 | 72229824 | 48.634  | 54.456  |
| 7)                          | B delta-BHC     | 4.717 | 5.146 | 89334785 | 145.2E6  | 48.037  | 51.159  |
| 8)                          | B Heptachlo...  | 5.265 | 5.968 | 76183116 | 126.9E6  | 48.484  | 52.845  |
| 9)                          | A Endosulfan I  | 5.607 | 6.327 | 70816950 | 115.0E6  | 48.884  | 53.441  |
| 10)                         | B gamma-Chl...  | 5.494 | 6.203 | 75692942 | 126.1E6  | 48.718  | 53.691  |
| 11)                         | B alpha-Chl...  | 5.553 | 6.277 | 74077620 | 123.6E6  | 47.580  | 52.727  |
| 12)                         | B 4,4'-DDE      | 5.717 | 6.431 | 71748064 | 117.6E6  | 51.479  | 56.327  |
| 13)                         | MA Dieldrin     | 5.851 | 6.586 | 75210979 | 119.6E6  | 50.503  | 54.516  |
| 14)                         | MA Endrin       | 6.109 | 6.804 | 66507100 | 101.5E6  | 51.191  | 55.989  |
| 15)                         | B Endosulfa...  | 6.382 | 7.012 | 68531109 | 101.7E6  | 49.693  | 50.908  |
| 16)                         | A 4,4'-DDD      | 6.234 | 6.922 | 58240594 | 95217736 | 49.383  | 54.410  |
| 17)                         | MA 4,4'-DDT     | 6.477 | 7.222 | 64018064 | 95379518 | 52.463  | 56.351  |
| 18)                         | B Endrin al...  | 6.548 | 7.136 | 56096815 | 91231183 | 47.789m | 53.447  |
| 19)                         | B Endosulfa...  | 6.764 | 7.359 | 66677008 | 101.7E6  | 50.300  | 54.354  |
| 20)                         | A Methoxychlor  | 7.024 | 7.678 | 33096053 | 51942257 | 50.983  | 52.885  |
| 21)                         | B Endrin ke...  | 7.254 | 7.833 | 76345773 | 110.3E6  | 51.480m | 54.756  |
| 22)                         | Mirex           | 7.452 | 8.291 | 63921168 | 79786081 | 52.280  | 50.777  |
| -----                       |                 |       |       |          |          |         |         |

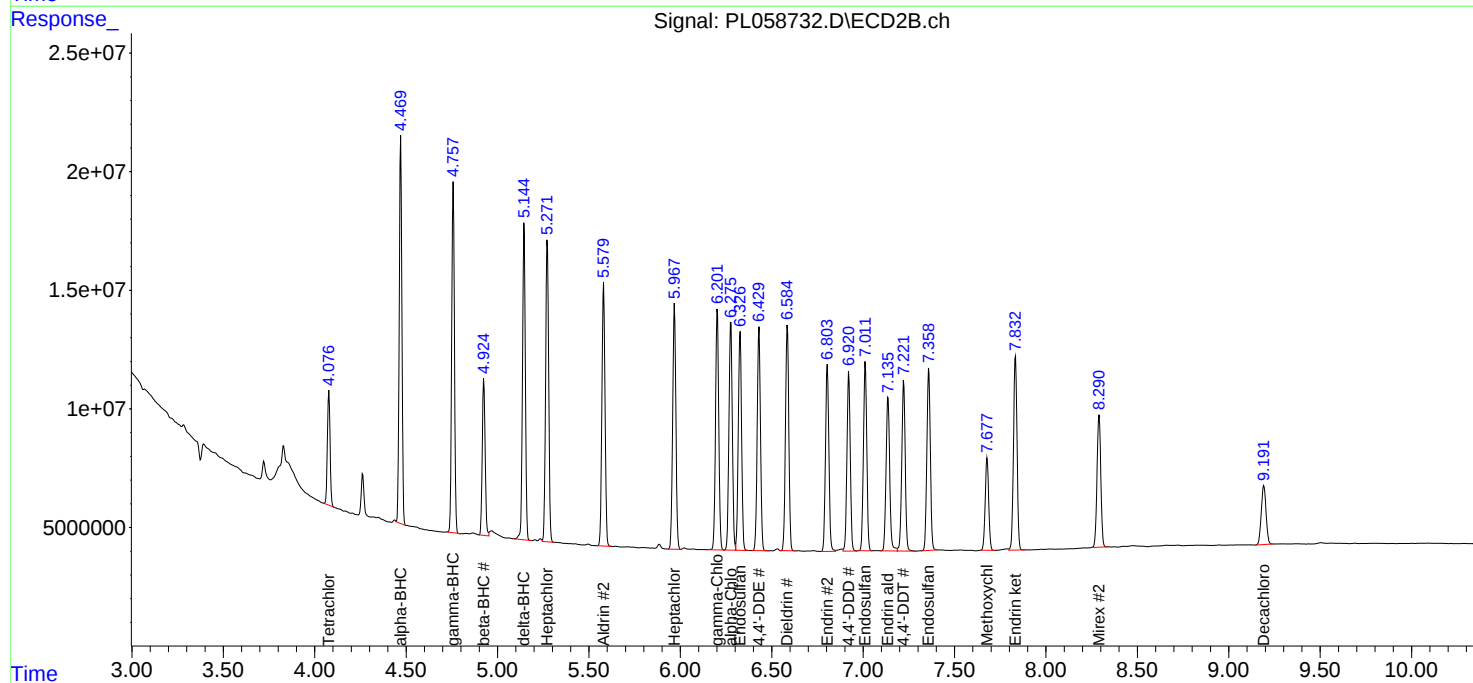
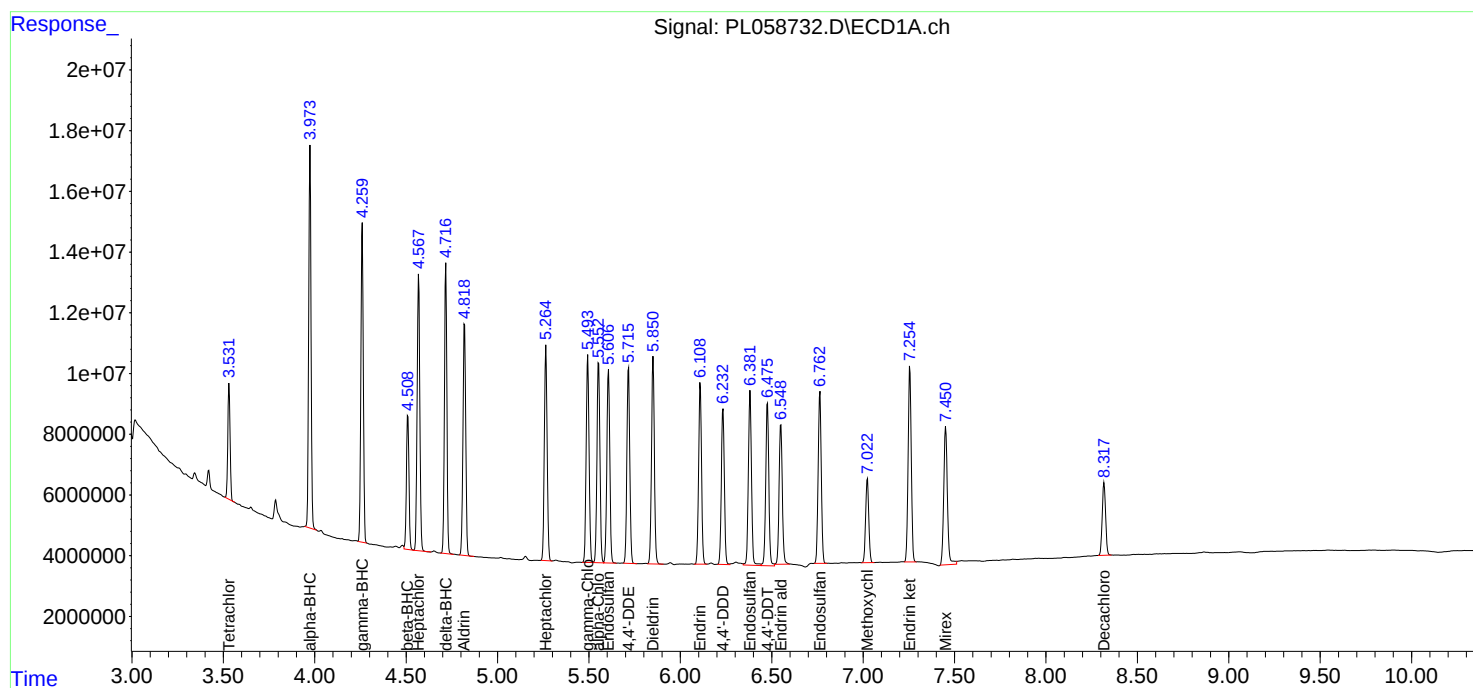
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

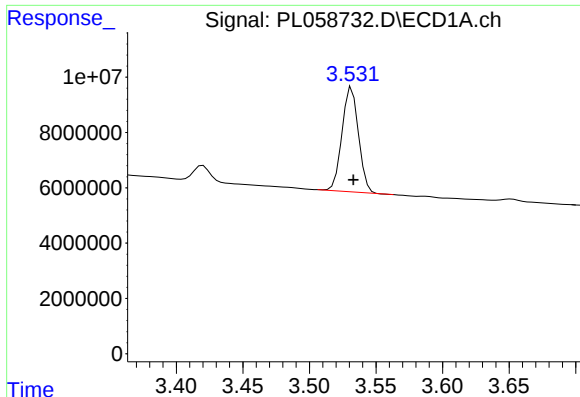
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051420\  
Data File : PL058732.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 May 2020 18:13  
Operator : AJ\MA  
Sample : L2501-07MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 14 23:57:44 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
Quant Title : GC Extractables  
QLast Update : Thu May 14 06:40:09 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

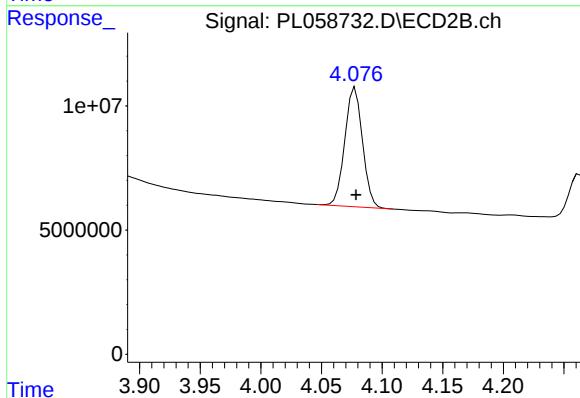




#1 Tetrachloro-m-xylene

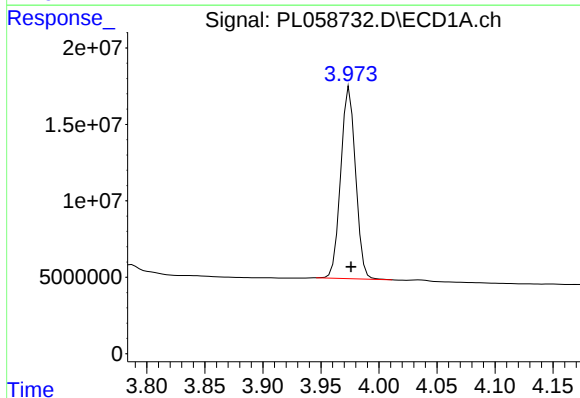
R.T.: 3.532 min  
Delta R.T.: -0.001 min  
Response: 32399798  
Conc: 19.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



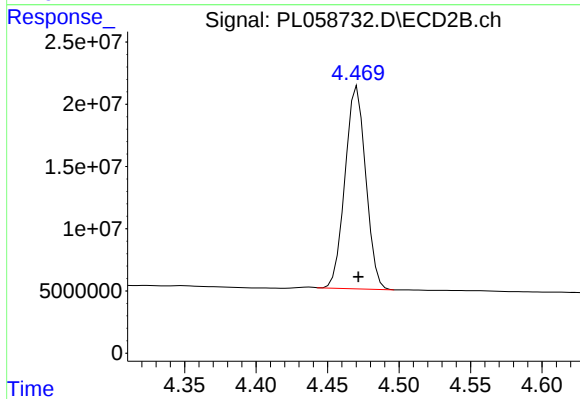
#1 Tetrachloro-m-xylene

R.T.: 4.078 min  
Delta R.T.: 0.000 min  
Response: 48602199  
Conc: 22.45 ng/ml



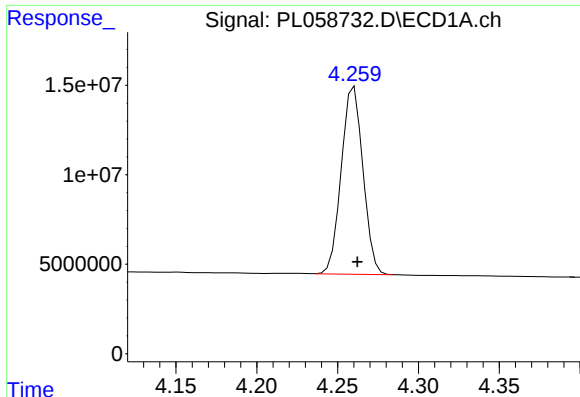
#2 alpha-BHC

R.T.: 3.975 min  
Delta R.T.: -0.001 min  
Response: 111586720  
Conc: 48.47 ng/ml



#2 alpha-BHC

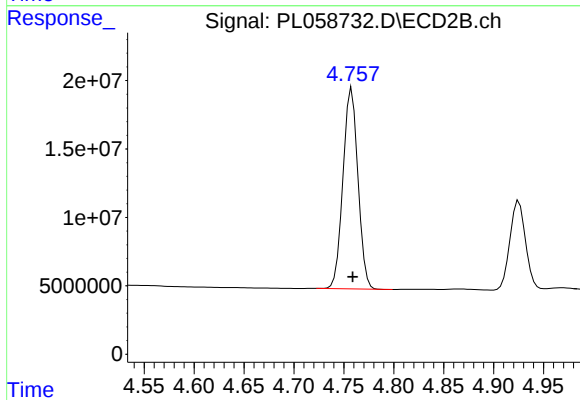
R.T.: 4.469 min  
Delta R.T.: -0.002 min  
Response: 164353113  
Conc: 53.68 ng/ml m



#3 gamma-BHC (Lindane)

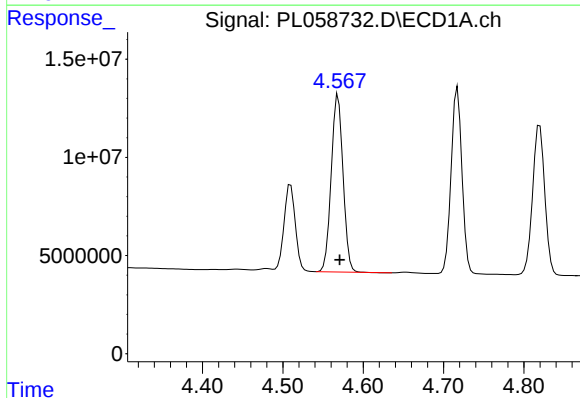
R.T.: 4.259 min  
Delta R.T.: -0.003 min  
Response: 97355359  
Conc: 47.45 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



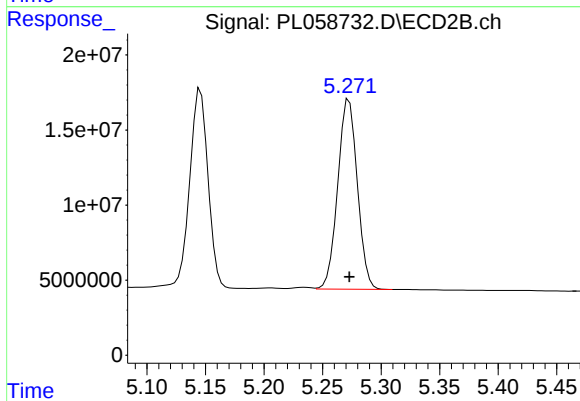
#3 gamma-BHC (Lindane)

R.T.: 4.758 min  
Delta R.T.: 0.000 min  
Response: 153077431  
Conc: 52.21 ng/ml



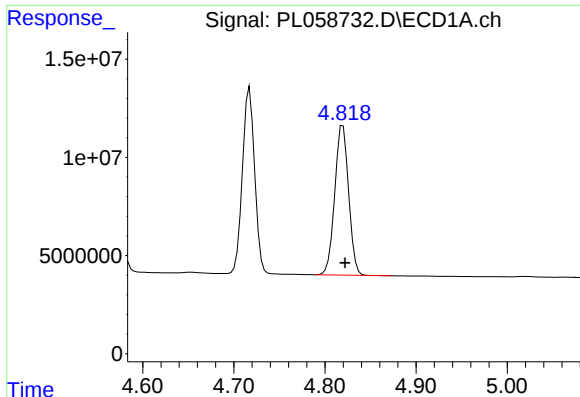
#4 Heptachlor

R.T.: 4.569 min  
Delta R.T.: -0.002 min  
Response: 92389437  
Conc: 48.90 ng/ml



#4 Heptachlor

R.T.: 5.273 min  
Delta R.T.: 0.000 min  
Response: 147202555  
Conc: 52.53 ng/ml



#5 Aldrin

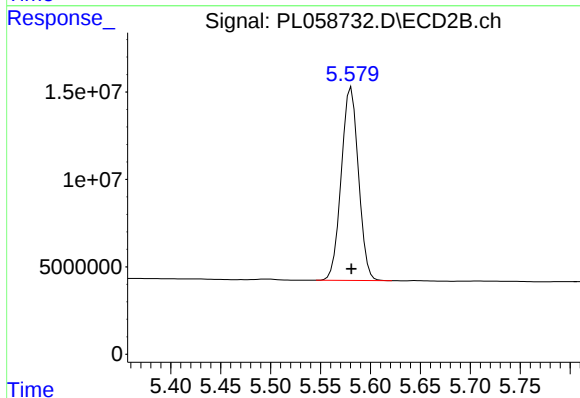
R.T.: 4.820 min

Delta R.T.: -0.002 min

Response: 80469094

Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



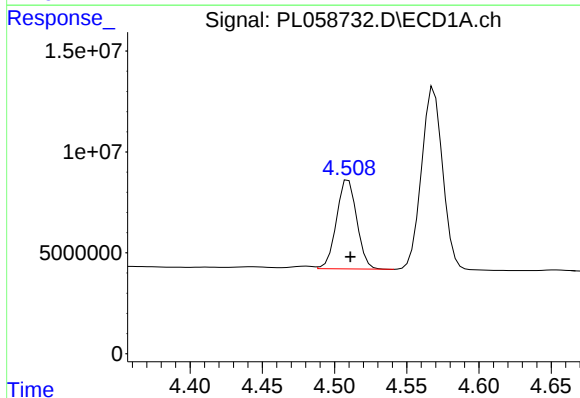
#5 Aldrin

R.T.: 5.581 min

Delta R.T.: 0.000 min

Response: 132248811

Conc: 53.11 ng/ml



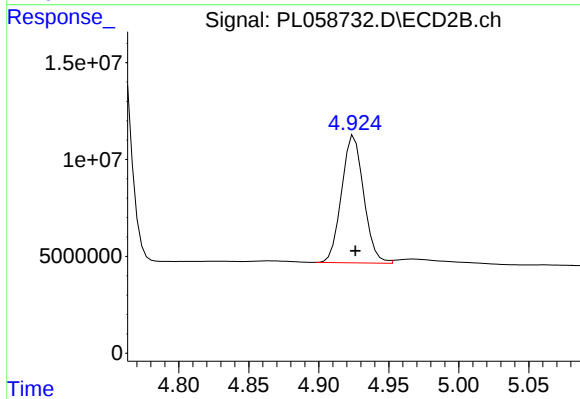
#6 beta-BHC

R.T.: 4.510 min

Delta R.T.: -0.001 min

Response: 43114000

Conc: 48.63 ng/ml



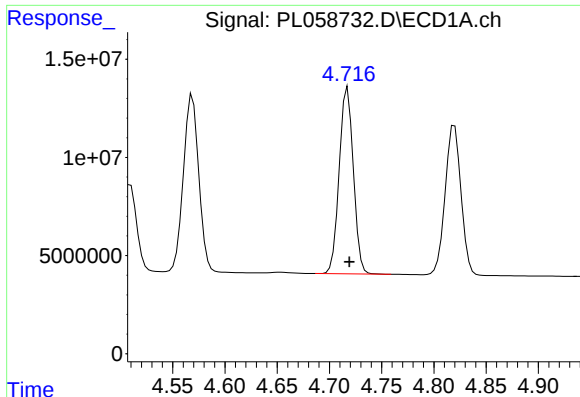
#6 beta-BHC

R.T.: 4.925 min

Delta R.T.: 0.000 min

Response: 72229824

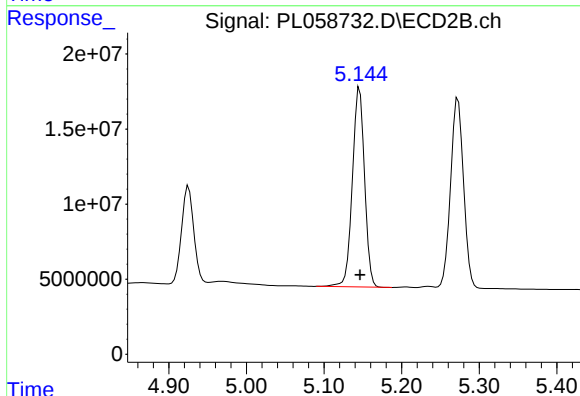
Conc: 54.46 ng/ml



#7 delta-BHC

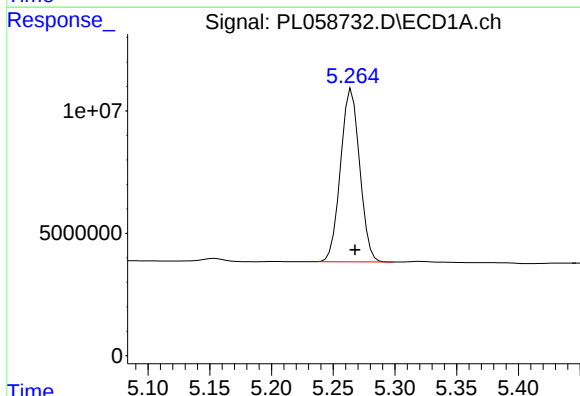
R.T.: 4.717 min  
Delta R.T.: -0.002 min  
Response: 89334785  
Conc: 48.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



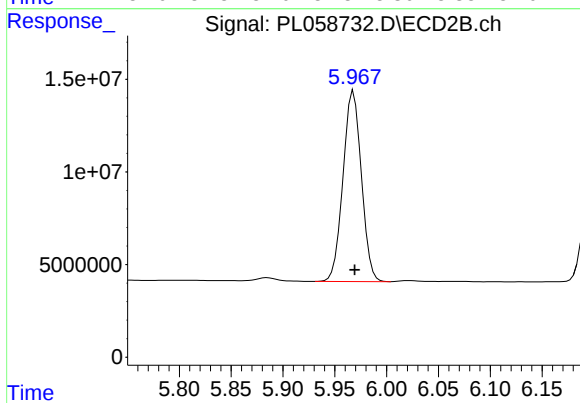
#7 delta-BHC

R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 145167649  
Conc: 51.16 ng/ml



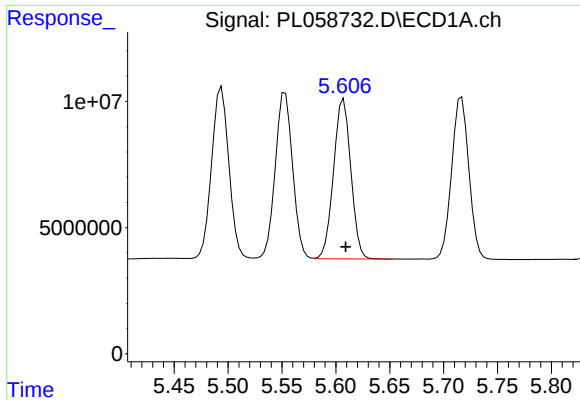
#8 Heptachlor epoxide

R.T.: 5.265 min  
Delta R.T.: -0.003 min  
Response: 76183116  
Conc: 48.48 ng/ml



#8 Heptachlor epoxide

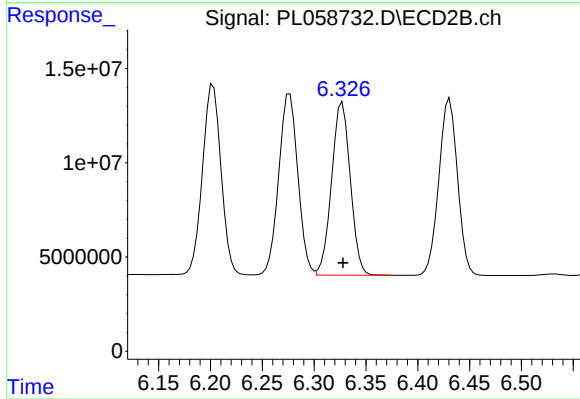
R.T.: 5.968 min  
Delta R.T.: -0.001 min  
Response: 126897245  
Conc: 52.84 ng/ml



#9 Endosulfan I

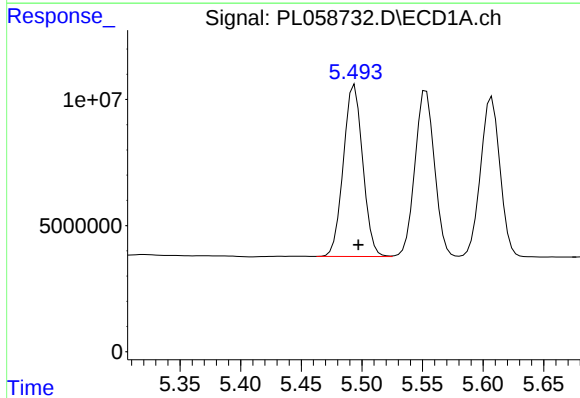
R.T.: 5.607 min  
Delta R.T.: -0.002 min  
Response: 70816950  
Conc: 48.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



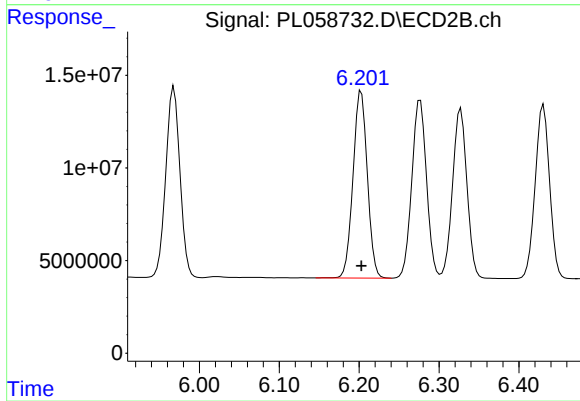
#9 Endosulfan I

R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 115005975  
Conc: 53.44 ng/ml



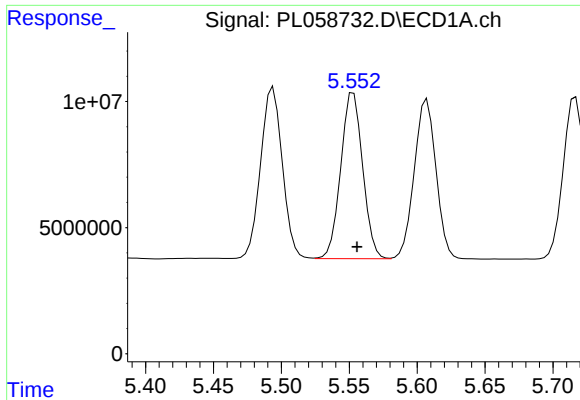
#10 gamma-Chlordane

R.T.: 5.494 min  
Delta R.T.: -0.003 min  
Response: 75692942  
Conc: 48.72 ng/ml



#10 gamma-Chlordane

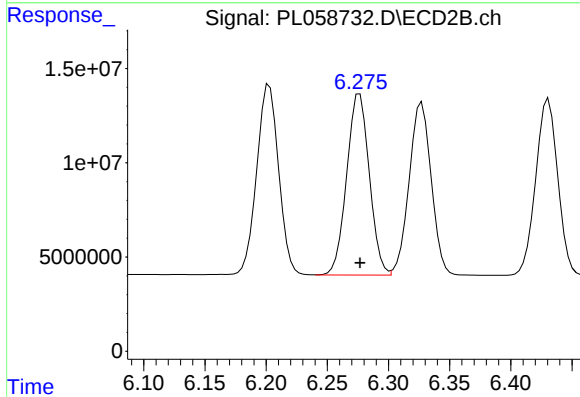
R.T.: 6.203 min  
Delta R.T.: 0.000 min  
Response: 126125440  
Conc: 53.69 ng/ml



#11 alpha-Chlordane

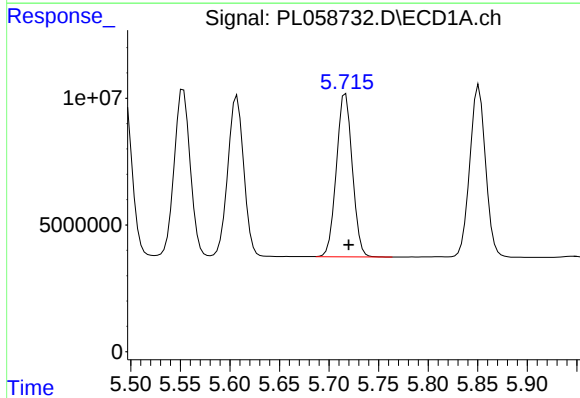
R.T.: 5.553 min  
Delta R.T.: -0.003 min  
Response: 74077620  
Conc: 47.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



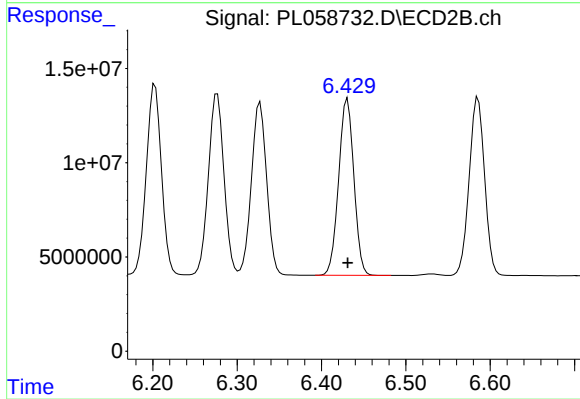
#11 alpha-Chlordane

R.T.: 6.277 min  
Delta R.T.: 0.000 min  
Response: 123600476  
Conc: 52.73 ng/ml



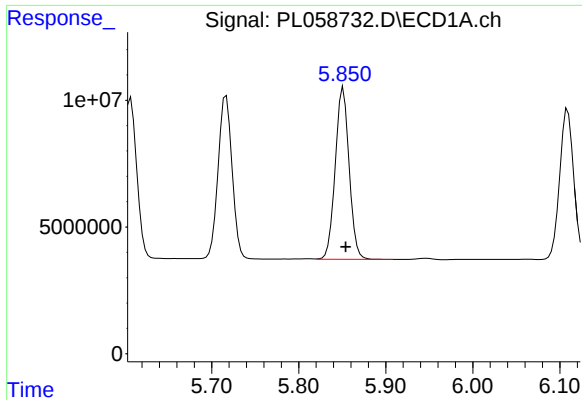
#12 4,4'-DDE

R.T.: 5.717 min  
Delta R.T.: -0.003 min  
Response: 71748064  
Conc: 51.48 ng/ml



#12 4,4'-DDE

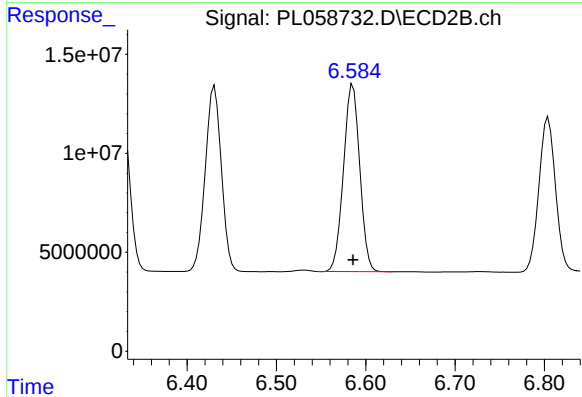
R.T.: 6.431 min  
Delta R.T.: 0.000 min  
Response: 117629332  
Conc: 56.33 ng/ml



#13 Dieldrin

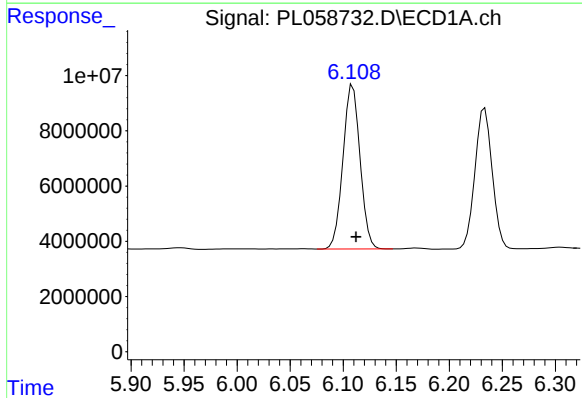
R.T.: 5.851 min  
Delta R.T.: -0.003 min  
Response: 75210979  
Conc: 50.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



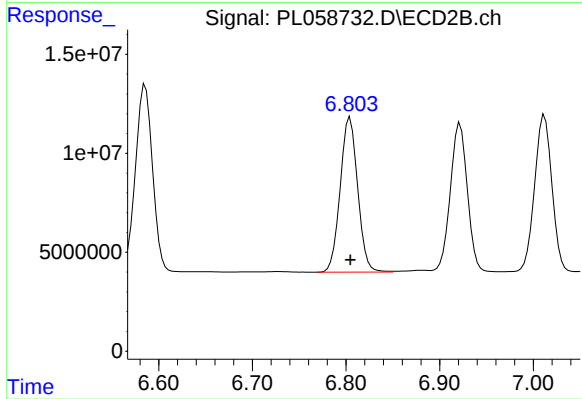
#13 Dieldrin

R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 119632952  
Conc: 54.52 ng/ml



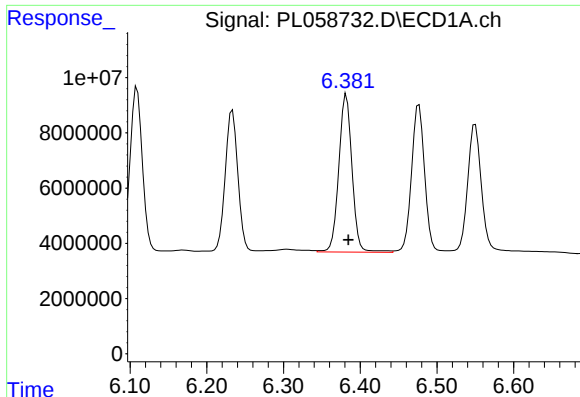
#14 Endrin

R.T.: 6.109 min  
Delta R.T.: -0.003 min  
Response: 66507100  
Conc: 51.19 ng/ml



#14 Endrin

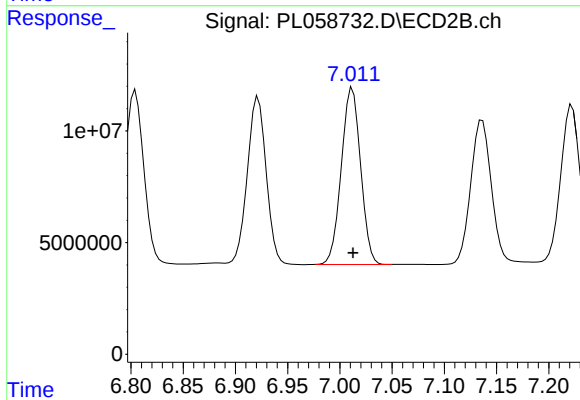
R.T.: 6.804 min  
Delta R.T.: 0.000 min  
Response: 101537922  
Conc: 55.99 ng/ml



#15 Endosulfan II

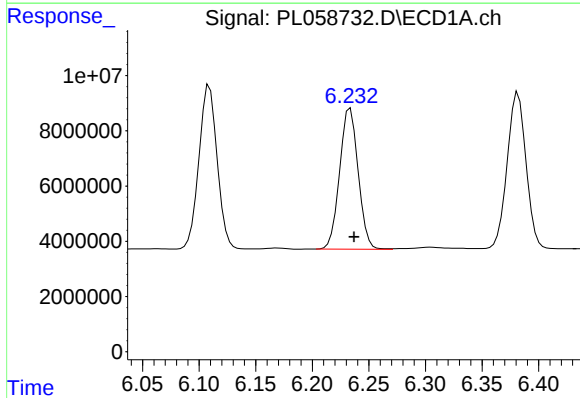
R.T.: 6.382 min  
Delta R.T.: -0.003 min  
Response: 68531109  
Conc: 49.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



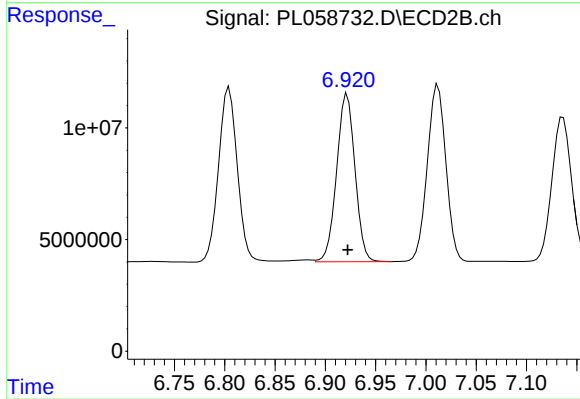
#15 Endosulfan II

R.T.: 7.012 min  
Delta R.T.: 0.000 min  
Response: 101665581  
Conc: 50.91 ng/ml



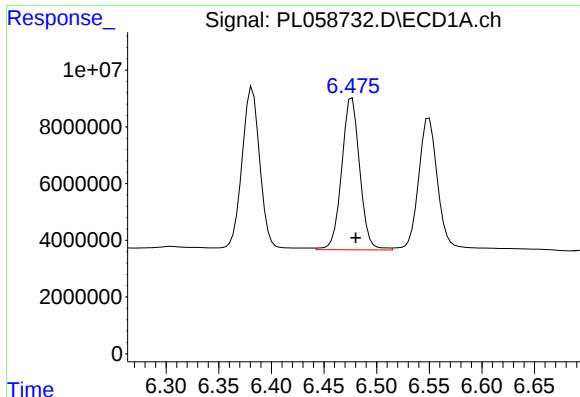
#16 4,4'-DDD

R.T.: 6.234 min  
Delta R.T.: -0.003 min  
Response: 58240594  
Conc: 49.38 ng/ml



#16 4,4'-DDD

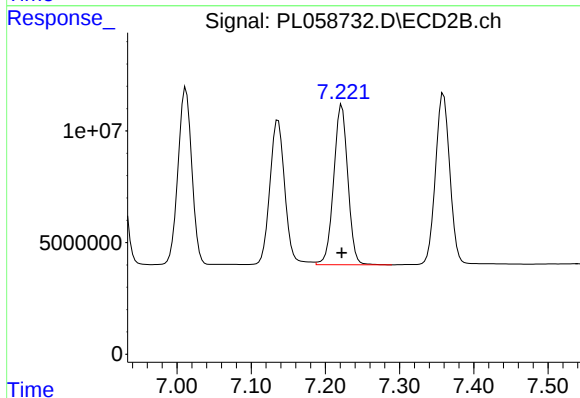
R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 95217736  
Conc: 54.41 ng/ml



#17 4,4'-DDT

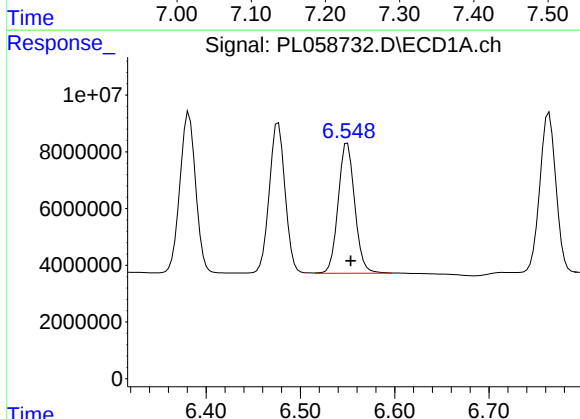
R.T.: 6.477 min  
Delta R.T.: -0.004 min  
Response: 64018064  
Conc: 52.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



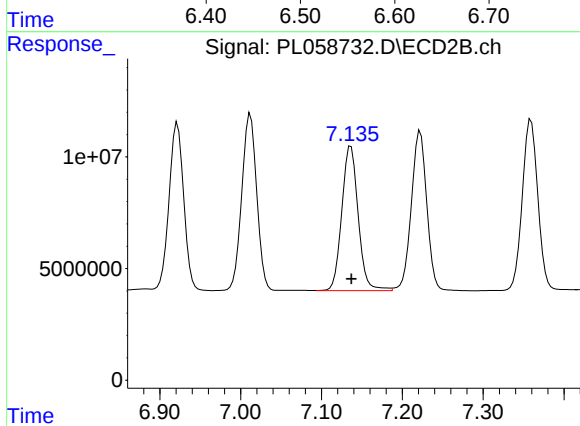
#17 4,4'-DDT

R.T.: 7.222 min  
Delta R.T.: 0.000 min  
Response: 95379518  
Conc: 56.35 ng/ml



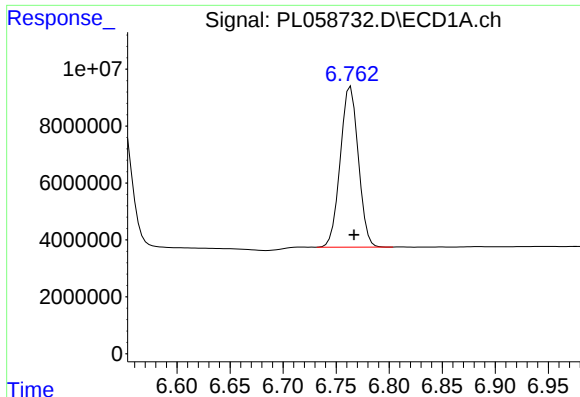
#18 Endrin aldehyde

R.T.: 6.548 min  
Delta R.T.: -0.005 min  
Response: 56096815  
Conc: 47.79 ng/ml m



#18 Endrin aldehyde

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 91231183  
Conc: 53.45 ng/ml



#19 Endosulfan Sulfate

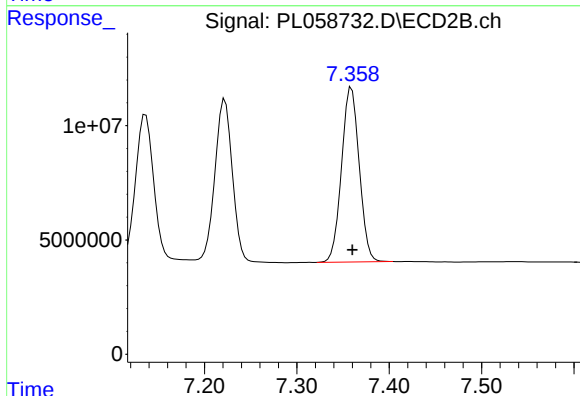
R.T.: 6.764 min

Delta R.T.: -0.003 min

Response: 66677008

Conc: 50.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



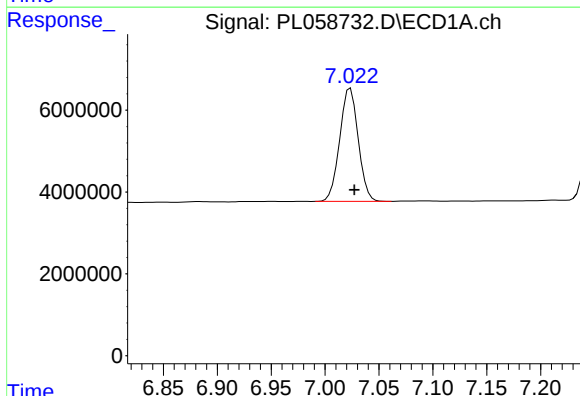
#19 Endosulfan Sulfate

R.T.: 7.359 min

Delta R.T.: 0.000 min

Response: 101722662

Conc: 54.35 ng/ml



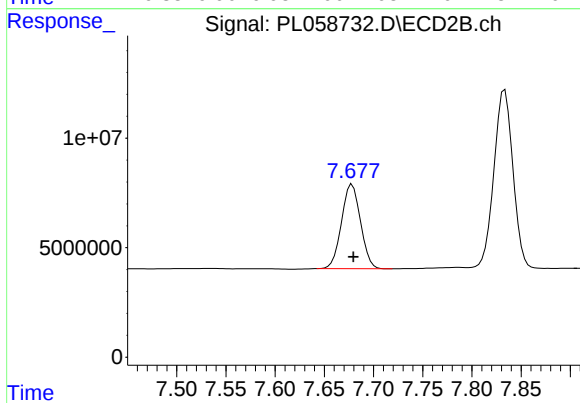
#20 Methoxychlor

R.T.: 7.024 min

Delta R.T.: -0.004 min

Response: 33096053

Conc: 50.98 ng/ml



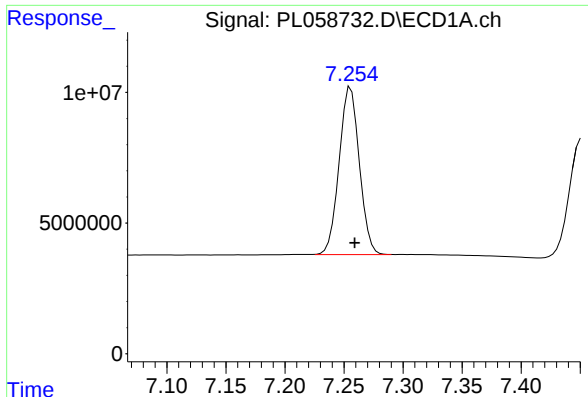
#20 Methoxychlor

R.T.: 7.678 min

Delta R.T.: -0.001 min

Response: 51942257

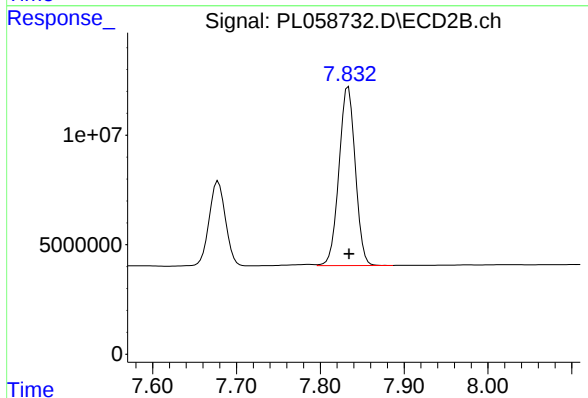
Conc: 52.89 ng/ml



#21 Endrin ketone

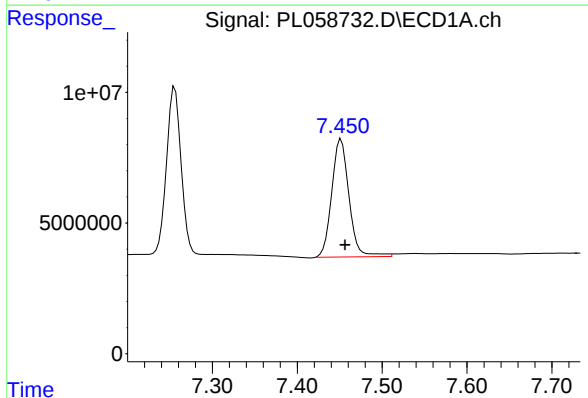
R.T.: 7.254 min  
Delta R.T.: -0.005 min  
Response: 76345773  
Conc: 51.48 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



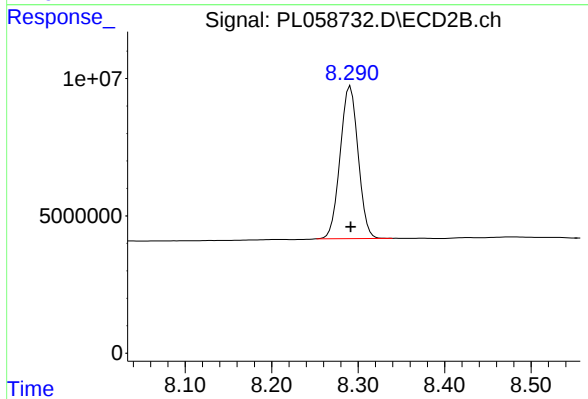
#21 Endrin ketone

R.T.: 7.833 min  
Delta R.T.: 0.000 min  
Response: 110300285  
Conc: 54.76 ng/ml



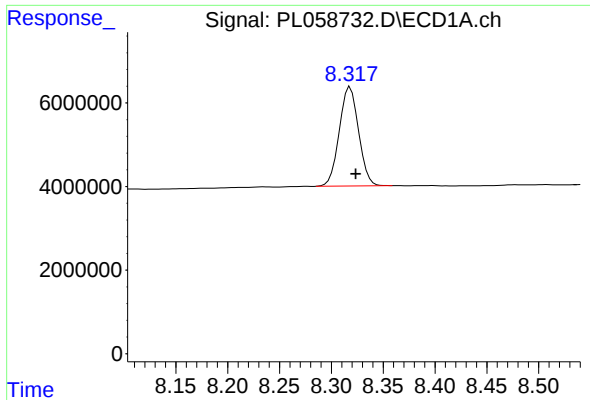
#22 Mirex

R.T.: 7.452 min  
Delta R.T.: -0.004 min  
Response: 63921168  
Conc: 52.28 ng/ml



#22 Mirex

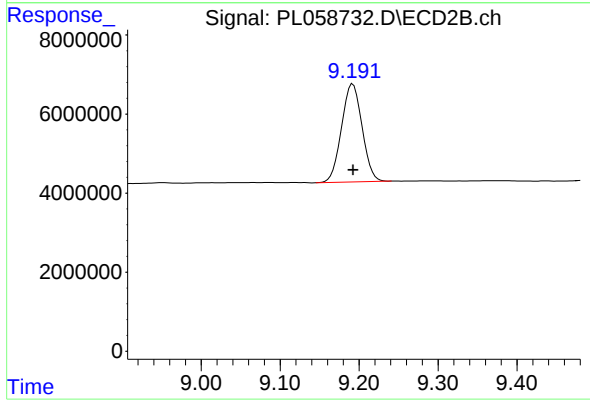
R.T.: 8.291 min  
Delta R.T.: 0.000 min  
Response: 79786081  
Conc: 50.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.318 min  
Delta R.T.: -0.005 min  
Response: 30727307  
Conc: 23.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-051320MS



#28 Decachlorobiphenyl

R.T.: 9.192 min  
Delta R.T.: 0.000 min  
Response: 45016933  
Conc: 25.47 ng/ml